

. The tower, item 4, is provided in sections to allow it to be fed through the access door of the hoist way rather than having to build the hoist way around a single piece . The tower assembly mounts to the rear wall of the hoist way with the use of lag bolts to be a fully self contained drive unit when assembled.

The container, item 7, is a one piece item, custom made from a roll mold process, that mounts onto the platform, item 5, that is attached to the tower and raised by the cable. Bushing material provides the low friction between the platform and the tower.

The controls for raising, lowering, and stopping, items 6, are mounted to walls near the access doors. The controls are connected to the controller that provides motor control, item 9, through wiring harnesses, items 10.

CLAIMS

What I claim as my invention is a space saving, low profile, high torque rotary drive system that integrates the brake and limit switches.

What I claim as my invention is a single piece container that is waterproof and has a lip to contain any spills for the use in a dumb waiter.

What I claim for my invention is a redundant, self adjusting parallel lifting pulley and cable system that acts as a lift and a secondary safety device.